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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1

of 1

Complete if Known

Application Number	10/694,585
Filing Date	10/27/2003
First Named Inventor	JEFFERY R. HARRIS, et al.
Art Unit	1764
Examiner Name	
Attorney Docket Number	194-29412-USCP

U. S. PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
FF		US- 6,939,902 B2	09-06-2005	Smith, et al.	
		US-			
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FOREIGN PATENT DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁴
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
FF		WO 2005/100846 A1	10-27-2005	Eaton, et al.		

Examiner
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Date
Considered

10/26

^{*}EXAMINER: Initial reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
EJ EJ		WO 02/059183 A2	08-01-2002	Milligan		
		EP 0 885 259 B1	12-10-2003	Dindi, et al.		✓

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Date Considered

02/04

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PTO/SB/08A (04-03)

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		Country Code ² Number ⁴ Kind Code ⁵ (if known)				
AF		WO 03/096994 A1	11-27-2003	Pagilagan		
AF		WO 03/097723 A1	11-27-2003	Pagilagan		✓

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		Number-Kind Code² (if known)			
FF		US- 6,765,053 B2	07-20-2004	Labude, et al.	
		US-			
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		Country Code³ Number⁴ Kind Code⁵ (if known)				
FF		WO 03/029330 A1	04-10-2003	Milligan, et al.		
		WO 03/029331 A1	04-10-2003	Johnston, et al.		✓

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07/06

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		Country Code ² Number ⁴ Kind Code ³ (if known)				
5		GB 1,313,119	04-11-1973	Deutsche-Gold-und-Silber		

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Signature**

Date	Considered
11/1/80	11/1/80
11/2/80	11/2/80
11/3/80	11/3/80
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11/30/80	11/30/80

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Sheet	2	of	2
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NON PATENT LITERATURE DOCUMENTS

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		Number-Kind Code ² (if known)			
FF		US- 2,879,173	03-24-1959	Yacoe	
		US- 3,351,601	11-07-1967	Blaga, et al.	
		US- 3,528,841	09-15-1970	Donaldson, et al.	
		US- 3,632,369	01-04-1972	Hahn	
		US- 3,779,969	12-18-1973	Clayton, et al.	
		US- Re. 28,361	03-11-1975	Hahn	
		US- 3,884,252	05-20-1975	Kruka	
		US- 4,016,894	04-12-1977	Baldwin, et al.	
		US- 4,066,539	01-03-1978	Hachisu, et al.	
		US- 4,147,677	04-03-1979	Lundberg, et al.	
		US- 4,177,177	12-04-1979	Vanderhoff, et al.	
		US- 4,212,312	07-15-1980	Titus	
		US- 4,263,926	04-28-1981	Drake, et al.	
		US- 4,289,679	09-15-1982	Mack	
		US- 4,340,076	07-20-1982	Weitzen	
		US- 4,384,089	05-17-1983	Dehm	
		US- 4,436,846	03-13-1984	Krantz	
		US- 4,499,214	02-12-1985	Sortwell	
FF		US- 4,510,304	04-09-1985	Hadermann	

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
FF		CA 675,522	12-03-1963	Jankens		
		CA 901,727	05-03-1972	Amann, et al.		
		GB 1,452,146	10-13-1976	Smitherman, Jr.		
		EP 0 196 350 B1	10-09-1986	Mack		
		WO 01/88031 A1	11-22-2001	Karhu, et al.		
		WO 02/101282 A2	12-19-2002	Eaton, et al.		

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FF		US- 4,527,581	07-09-1985	Motier	
		US- 4,584,244	04-22-1986	Fenton	
		US- 4,588,640	05-13-1986	Matlach	
		US- 4,659,334	04-21-1987	Matlach	
		US- 4,693,321	09-15-1987	Royer	
		US- 4,720,397	01-19-1988	O'Mara, et al.	
		US- 4,771,799	09-20-1988	Baxter, et al.	
		US- 4,789,383	12-06-1988	O'Mara, et al.	
		US- 4,826,728	05-02-1989	O'Mara, et al.	
		US- 4,837,249	06-06-1989	O'Mara, et al.	
		US- 5,080,121	01-14-1992	Malik, et al.	
		US- 5,165,440	11-24-1992	Johnston	
		US- 5,165,441	11-24-1992	Mitchell	
		US- 5,169,074	12-08-1992	Fauth, et al.	
		US- 5,244,937	09-14-1993	Lee, et al.	
		US- 5,376,697	12-27-1994	Johnston, et al.	
		US- 5,449,732	09-12-1995	Smith, et al.	
		US- 5,504,131	04-02-1996	Smith, et al.	
		US- 5,504,132	04-02-1996	Smith, et al.	

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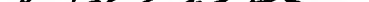
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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

Sheet 4 of 4	Application Number	
	Filing Date	
	First Name and Inventor	Jeffery R. Harris
	Art Unit	
	Examiner Name	
Attorney Docket Number		194-29412-USCP

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
F		C. B. LESTER, "What to Expect from and How to Handle Commercially Available Drag-Reducing Agents," Oil & Gas Journal, March 11, 1985, pp. 116-119.	
		NERAC Abstract of WO 02/085960, 2002.	
		NERAC Abstract of EP 887265 B1, 2002.	
		NERAC Abstract of US 4,557,713, 2002.	
		NERAC Abstract of WO 02/102667, 2002.	
F		NERAC Abstract of WO 02/0102663, 2002.	

Examiner Signature		Date Considered	02/06
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